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CENTRAL INTELLIGENCE AGENCY

WASHINGTON, D.C. 20505

22 February 1979

MEMORANDUM FOR: Ms. Ronnie Goldberg
Technology and International Relations
Office of Technical Assessment
United States Congress

SUBJECT : Background Data on East-West Technology Transfer

1. Per our earlier conversation I have attached two data series relating to Soviet purchases of Western equipment and technology. The first is a breakout of Soviet equipment purchases by individual COCOM members. It provides the annual dollar values imported in 1970-1977 and the share of equipment imports accounted for by individual COCOM members. The second lists Soviet equipment orders (including associated technology costs) placed in the West. The commodity breakout includes orders placed in non-COCOM members as well as those placed within the COCOM community. A listing of orders, by country, is also included.

2. I trust that the data will satisfy your requirements. Should you have any questions or require additional data please contact me at your discretion

[redacted]
Office of Economic Research

Attachment
As Stated

ER M 79-10126

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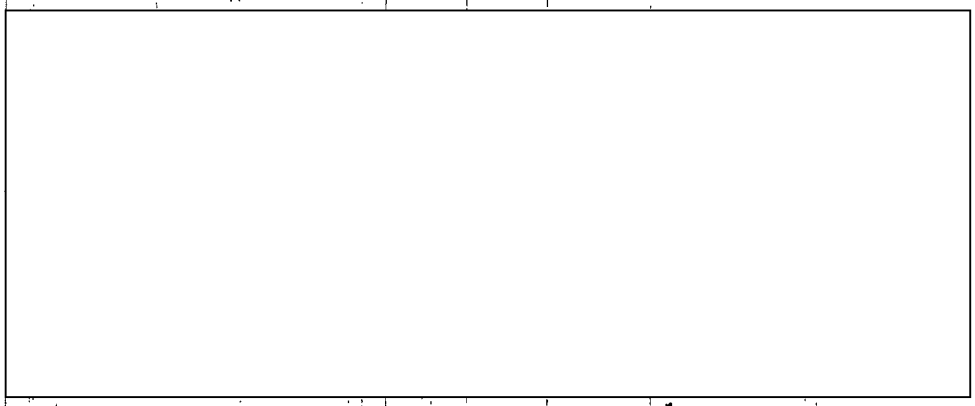
SUBJECT: Background Data on East-West Technology Transfer



MILLIONS OF U.S. DOLLARS

	1976					1977				
	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL	1ST QTR	2ND QTR	3RD QTR	4TH QTR	TOTAL
TOTAL	749	2271	1312	1643	5975	651	1219	701	1130	3702
CHEMICALS AND PETROCHEMICAL	184	567	303	784	1818	278	790	131	418	1617
OIL AND NATURAL GAS	128	889	423	248	1688	73	63	97	74	308
METALWORKING AND METALLURGY	224	456	217	119	1016	159	4	74	368	605
FOOD PROCESSING	27	10	0	26	63	9	25	103	18	155
TIMBER AND WOOD	42	76	15	13	146	38	24	3	-	65
TEXTILE AND SEWING	-	1	-	-	1	-	-	1	33	33
ELECTRIC POWER	0	2	48	14	63	2	118	0	7	127
ELECTRONICS	19	1	6	30	55	32	19	62	37	150
MANUFACTURING OF AUTOMOBILES AND OTHER VEHICLES	23	76	226	29	355	6	2	40	134	183
SHIPS AND PORT EQUIPMENT	35	4	9	236	283	1	52	14	0	67
MANUFACTURING OF CONSUMER GOODS	18	76	4	23	121	1	72	2	0	75
MINING AND CONSTRUCTION	35	78	0	7	120	0	10	126	11	147
RAILROAD STOCK AND EQUIPMENT	17	1	16	2	35	-	1	19	-	20
AIRCRAFT AND EQUIPMENT	-	10	4	7	21	-	35	10	-	45
FARM TRACTORS AND MACHINERY	-	2	0	2	5	-	-	-	0	0
ANIMAL FEED PLANTS AND EQUIPMENT	-	-	-	4	4	-	-	-	-	-
PRINTING	-	0	0	3	4	-	1	-	1	1
MEASURING AND TESTING	3	0	1	1	5	2	0	0	1	4
OPTIC AND OPTIC MANUFACTURING	0	-	-	-	0	-	-	-	-	-
MEDICAL AND PHARMACEUTICAL	11	-	-	1	11	-	1	4	0	5
PHOTOGRAPHIC	-	-	-	-	-	1	-	-	-	1
VEHICLES (USER UNKNOWN)	4	16	12	87	119	47	0	9	22	79
OTHER	-	6	28	7	42	0	2	5	6	13

- INDICATES NO ORDERS RECORDED. 0 INDICATES NEGLIGIBLE AMOUNTS.
• COMPONENTS MAY NOT ADD TO TOTAL SHOWN BECAUSE OF ROUNDING.

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MILLIONS OF U.S. DOLLARS

1978

	YEAR TO DATE	JAN	FEB	MAR	1ST QTR	APR	MAY	JUN	2ND QTR	JUL	AUG	SEP	3RD QTR	OCT	NOV	DEC	4TH QTR
TOTAL	2523	222	75	538	835	297	72	110	479	167	335	112	614	454	6	136	595
CHEMICALS AND PETROCHEMICAL	702	123	0	114	237	169	-	1	170	40	108	10	158	-	1	136	137
OIL AND NATURAL GAS	802	40	29	309	378	5	13	6	24	13	52	74	139	261	-	-	261
METALWORKING AND METALLURGY	273	3	40	7	50	11	39	-	49	25	34	7	67	107	0	0	107
FOOD PROCESSING	13	8	-	0	8	-	1	-	1	4	5	0	9	2	-	-	2
TIMBER AND WOOD	83	-	-	-	-	-	0	75	75	0	-	4	4	4	-	-	4
TEXTILE AND SEWING	54	5	1	13	19	4	-	-	4	16	11	-	26	-	5	-	5
ELECTRIC POWER	6	-	-	-	-	-	4	-	4	2	-	-	2	-	-	-	-
ELECTRONICS	138	0	4	1	4	1	4	1	6	1	113	2	116	11	-	-	11
MANUFACTURING OF AUTOMOBILES AND OTHER VEHICLES	110	8	-	18	26	53	3	4	60	16	0	0	16	8	-	-	8
SHIPS AND PORT EQUIPMENT	107	0	-	65	65	12	-	-	12	1	-	10	11	19	-	-	19
MANUFACTURING OF CONSUMER GOODS	42	31	-	-	31	-	-	-	-	6	5	0	11	0	-	-	0
MINING AND CONSTRUCTION	68	2	0	5	7	24	8	9	41	-	1	0	1	19	-	-	19
RAILROAD STOCK AND EQUIPMENT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
AIRCRAFT AND EQUIPMENT	8	-	-	-	-	-	-	-	-	2	-	0	2	6	-	-	6
FARM TRACTORS AND MACHINERY	5	2	-	-	2	0	-	-	0	1	2	-	3	-	-	-	-
ANIMAL FEED PLANTS AND EQUIPMENT	2	-	-	-	-	1	-	1	1	-	-	0	0	-	-	-	-
PRINTING	4	-	-	-	-	4	-	-	4	-	-	-	-	-	-	-	-
MEASURING AND TESTING	1	-	-	1	1	-	-	-	-	-	-	0	0	-	-	-	-
OPTIC AND OPTIC MANUFACTURING	0	-	-	-	-	-	-	-	-	0	-	0	0	-	-	-	-
MEDICAL AND PHARMACEUTICAL	20	-	-	1	1	-	-	-	-	1	6	-	6	14	-	-	14
PHOTOGRAPHIC	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-
VEHICLES (USER UNKNOWN)	55	-	-	-	-	9	-	7	16	38	-	-	38	1	-	-	1
OTHER	22	-	1	3	5	4	1	6	11	1	0	3	3	2	-	-	2

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MILLIONS OF U.S. DOLLARS

	1976	1977	1978 (YEAR TO DATE)
TOTAL	5975	3702	2523
SINGAPORE	-	-	0
JAPAN	1452	738	285
PANAMA	-	0	-
CANADA	33	132	78
UNITED STATES	785	299	527
AUSTRIA	85	82	9
BELGIUM	50	4	-
WEST BERLIN	-	-	-
DENMARK	31	-	0
IRELAND	-	0	-
FINLAND	-	-	-
FRANCE	1276	353	546
WEST GERMANY	1076	832	630
ITALY	787	509	140
LUXEMBOURG	-	3	-
NETHERLANDS	5	3	8
NORWAY	4	0	0
PORTUGAL	21	1	-
SPAIN	-	87	4
SWITZERLAND	11	23	4
SWEDEN	16	22	104
UNITED KINGDOM	344	615	187

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